

CLAIM LISTING:

1. (amended) A detachable grouser assembly for use with vehicles having continuous flexible tracks with permanently-mounted cleats, the grouser assembly comprising the following:

a traction grouser adapted and constructed to fit onto a track of the vehicle; and

a selectively releasable mechanical attachment assembly connecting the traction grouser to the track of the vehicle through a hole in the track.

2. (original) A grouser assembly in accordance with claim 1, wherein the flexible track includes a plurality of clean-out holes, and the selectively releasable mechanical attachment assembly is secured to the flexible track by insertion of a part of the grouser assembly through the clean-out holes.

3. (original) A grouser assembly in accordance with claim 2, wherein the selectively releasable mechanical attachment assembly comprises the following:

a mounting plate; and

securing members extending through the clean-out holes and releasably connecting the mounting plate to the traction grouser.

4. (original) A grouser assembly in accordance with claim 3, wherein the securing members comprise threaded bolt assemblies.

5. (amended) A grouser assembly in accordance with claim 3, wherein the traction grouser member comprises raised traction elements.

6. (original) A grouser assembly in accordance with claim 5, wherein the raised traction elements are configured in a chevron arrangement.

7. (original) A grouser assembly in accordance with claim 5, wherein the raised traction elements comprises a cork member.

8. (original) A grouser assembly in accordance with claim 7, further comprising a traction-enhancing feature on the cork member element.

9. (original) A grouser assembly in accordance with claim 8, wherein traction-enhancing feature comprises spiral grooves.

10. (amended) A reusable, detachable grouser assembly for use with vehicles having continuous flexible tracks with permanently-mounted cleats, the grouser assembly comprising the following:

a traction grouser adapted and constructed to fit onto a first side of a track of the vehicle, the traction grouser having a contour that enhances the ability of the track section to grip into surfaces traversed by the tracked vehicle; and

a selectively releasable mechanical attachment assembly connecting the traction grouser to the track of the vehicle through a hole in the track, the attachment assembly including a mounting plate mounted on a second side of the track of the vehicle.

11. (original) A grouser assembly in accordance with claim 1, wherein the flexible track includes a plurality of clean-out holes, and the selectively releasable mechanical attachment assembly is secured to the flexible track by insertion of a part of the grouser assembly through the clean-out hole.

12. (original) A grouser assembly in accordance with claim 11, wherein the flexible track includes a plurality of clean-out holes, and the selectively releasable mechanical attachment assembly is secured to the flexible track by insertion of a part of the attachment assembly through the clean-out hole.

13. (original) A grouser assembly in accordance with claim 11, wherein the flexible track includes a plurality of clean-out holes, and the selectively releasable mechanical attachment assembly is secured to the flexible track by insertion of a part of the traction grouser through the clean-out holes.

14. (original) A grouser assembly in accordance with claim 11, wherein the selectively releasable mechanical attachment assembly comprises securing members extending through the clean-out holes and releasably connecting the mounting plate to the traction grouser.

15. (original) A grouser assembly in accordance with claim 14, wherein the securing members comprise threaded bolt assemblies.

16. (amended) A grouser assembly in accordance with claim 10, wherein the traction grouser member comprises raised traction elements.

17. (original) A grouser assembly in accordance with claim 16, wherein the raised traction elements are configured in a chevron arrangement.

18. (original) A grouser assembly in accordance with claim 16, wherein the raised traction elements comprises a cork member.

19. (amended) A grouser assembly in accordance with claim 18, further comprising a traction-enhancing feature on the cork member element.

20. (original) A grouser assembly in accordance with claim 19, wherein traction-enhancing feature comprises spiral grooves.